

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-8. (cancelled)

9. (currently amended) A sensor comprising:

a substrate;

an electrode formed on the substrate; and

a coating covering the electrode, ~~wherein~~ the coating including comprises

a permeation limiting layer which contains a fluorine,  
and

an adhesive material which contains a compound  
containing a heterocycle having nitrogen and sulfur heteroatoms  
adhering to a surface of the permeation limiting layer.

10. (original) The sensor as claimed in claim 9,  
wherein the coating has a multilayer structure  
comprising one or more organic layers.

11. (original) The sensor as claimed in claim 9,  
wherein the coating comprises an enzyme.

12. (cancelled)

13. (original) The sensor as claimed in claim 9,  
wherein the compound comprises oxo directly bound to  
the heterocycle.

14. (original) The sensor as claimed in claim 9,  
wherein the compound comprises halogen directly bound  
to the heterocycle.

15. (new) The sensor as claimed in claim 9, further  
comprising:

an enzyme layer in which an enzyme is immobilized, the  
permeation limiting layer being formed on the enzyme layer.